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File 347:JAPIO Nov 1976-2004/May(Updated 040903)  
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**\*File 347: JAPIO data problems with year 2000 records are now fixed.**  
Alerts have been run. See HELP NEWS 347 for details.

S1 1 AN,PN=(JP 63008248 OR JP 88008248)

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DIALOG(R)File 347:JAPIO  
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02391348  
QUALITY IMPROVER FOR CEMENT AND CONCRETE

PUB. NO.: 63-008248 AJ  
PUBLISHED: January 14, 1988 (19880114)  
INVENTOR(s): UKITA KAZUAKI  
SHIGEMATSU SHUNICHI  
ISHII MITSUHIRO  
APPLICANT(s): SHIKOKU ELECTRIC POWER CO INC [351065] (A Japanese Company or  
Corporation), JP (Japan)  
APPL. NO.: 61-147180 [JP 86147180]  
FILED: June 25, 1986 (19860625)  
INTL CLASS: [4] C04B-022/06; C04B-024/22; C04B-024/30  
JAPIO CLASS: 13.3 (INORGANIC CHEMISTRY -- Ceramics Industry); 32.4  
(POLLUTION CONTROL -- Refuse Disposal)  
?

File 351:Derwent WPI 1963-2004/UD,UM &UP=200460  
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**\*File 351: For more current information, include File 331 in your search.**  
Enter HELP NEWS 331 for details.

S1 1 AN,PN=(JP 63008248 OR JP 88008248)  
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DIALOG(R)File 351:Derwent WPI  
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007418805  
WPI Acc No: 1988-052740/ 198808  
Up-grading cement concrete material - comprises classifying fly ash  
without grinding and mixing specific dia. particles with concrete  
Patent Assignee: SHIKOKU DENRYOKU KK (SHIK-N)

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 63008248	A	19880114	JP 86147180	A	19860625	198808 B
JP 90049264	B	19901029	JP 86147180	A	19860625	199047

Priority Applications (No Type Date): JP 86147180 A 19860625

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 63008248	A		4		

Abstract (Basic): JP 63008248 A

Fly ash contained in the coal ash exhausted on burning coal is classified without grinding, and particles 20 microns or smaller size are mixed with cement concrete to upgrade the chemical and physical properties.

USE - used for concrete structures.

0/14

Derwent Class: L02

International Patent Class (Additional): C04B-018/08; C04B-022/06;  
C04B-024/22